

CURRICULUM VITAE
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EDUCATION

Pacific Lutheran University, Department of Biology, Sep 1978-Jun 1982, Bachelor of Science
Washington State University, Department of Veterinary Science, Sep 1983-Jun 1987, Doctor of Veterinary Medicine

University of Florida, Department of Infectious Diseases, Jan 1992-Dec 1993, Master of Science

Colorado State University, Department of Clinical Sciences, Sep 1997-May 2003, Doctor of Philosophy (Dissertation: Epidemiology of Vesicular Stomatitis Viruses in the Southwestern United States)

BOARD CERTIFICATION

Diplomate Status: American College of Veterinary Preventive Medicine, Jul 1995

EMPLOYMENT RECORD

- 1987 – 1989: Northwest Veterinary Clinic, Stanwood, Washington, food animal practice.
- 1989 - 1990 Brady Veterinary Hospital, Montesano, Washington, mixed animal practice.
- 1990 - 1991 Public Veterinary Practice Career Program, USDA:APHIS:VS, Olympia, Washington.
- 1991 - 1992 Section Veterinary Medical Officer, USDA:APHIS:VS, Charleston, West Virginia.
- 1992 - 1993 Graduate student, Department of Infectious Diseases, College of Veterinary Medicine, University of Florida.
- 1993 - 1999 Area Epidemiology Officer, USDA:APHIS:VS, Englewood, Colorado.
- 1999 - 2003 Analytic Epidemiologist and Dairy Specialist, USDA:APHIS:VS, Centers for Epidemiology and Animal Health, Fort Collins, CO
- Study leader of NAHMS national studies relevant to dairy production including the use of multidisciplinary teams to identify the study focus, design the study, analyze and interpret the data, and develop reports and info sheets to report the findings to all interested groups.

2003 – present Leader, USDA:APHIS:VS, National Surveillance Unit

SERVICE

Affiliate Faculty - Department of Clinical Sciences, College of Veterinary Medicine, Colorado State University, 2003 – present.

Staff member - Animal Population Health Institute, Colorado State University, 2000-2004.

Member-National Johne's Working Group, 1999-2003

Member-Bovine Alliance for Management and Nutrition, 1999-2003

Ad hoc reviewer for USDA Natural Resources Initiatives Competitive Grants Program (NRICGP), 1999-present

USDA, APHIS, Veterinary Services – Team Leader, National Surveillance System Field Implementation Team, February 2003 - present

USDA, APHIS, Veterinary Services – Deputy Area Commander, Exotic Newcastle Disease Taskforce, Apr 2003 – Sep 2003

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

American Association of Bovine Practitioners

Society for Tropical Veterinary Medicine

Phi Zeta Honor Society

Association of Veterinary Epidemiology and Preventive Medicine

PROFESSIONAL INTERESTS

Epidemiology of infectious diseases; Animal health surveillance systems

AWARDS

United States Department of Agriculture Group Honor Award for Excellence, Exotic Newcastle Disease Eradication Project, June 2004

USDA, APHIS, Veterinary Services, Upcoming Manager of the Year award, 2005

GRADUATE STUDENTS

Committee Member:

- Jason Lombard, DVM: MS -- Colorado State University, College of Veterinary Medicine and Biomedical Sciences, Department of Clinical Sciences. Area of study: Development of control strategies for Johne's Disease on U.S dairy operations. Completed May 2004.
- Aurora Villaoreal, DVM, MPVM: PhD candidate--enrolled at Colorado State University, College of Veterinary Medicine and Biomedical Sciences, Department of Clinical

Sciences. Area of study: Modeling of enteric pathogen flow and its relationship to antimicrobial resistance on dairies.

- Michelle Dennis, DVM: PhD Candidate--enrolled at Colorado State University, College of Veterinary Medicine and Biomedical Sciences, Department of Clinical Sciences. Area of Study: Evaluation of bovine spongiform encephalopathy surveillance in the U.S.
- Sabina Seric, DVM: MS student -- enrolled at Colorado State University, College of Veterinary Medicine and Biomedical Sciences, Department of Clinical Sciences. Area of Study: Brucellosis in sheep populations of Bosnia-Herzegovina.

INTERNATIONAL EXPERIENCE

- El Salvador - Assisted in development of sentinel herd surveillance for vesicular diseases
- Costa Rica - Assisted in a study of vesicular stomatitis diagnostic test evaluation
- Ecuador - Evaluated Veterinary Services infrastructure for Minister of Agriculture
- Bosnia-Herzegovina - Developing prioritization of animal disease surveillance activities
- Russia - Instructor of Basic Veterinary Epidemiology course for government veterinarians

PUBLICATIONS

Refereed

1. **McCluskey, B.** Cryptosporidium parvum oocyst shedding in Florida dairy calves. Anim Hlth Insight, Winter, 1992, p. 1-5.
2. **McCluskey, B.**, Greiner, E., Donovan, A. Patterns of Cryptosporidium oocyst shedding in calves and a comparison of two diagnostic methods. 1995. J of Vet Parasit 60:185-190.
3. Bridges, V., **McCluskey, B.**, Salman, M., et al., Vesicular Stomatitis - Review of the 1995 Outbreak. 1997. JAVMA 211:556-560.
4. Hayek, A., **McCluskey, B.**, Salman, M., et al., Economic Impact of a Vesicular Stomatitis Outbreak: A Case Study of 16 Colorado Beef Ranches. 1998. JAVMA 212: 820-823.
5. Mumford E., **McCluskey B.**, Traub-Dargatz J., Schmitt BJ, Salman MD. 1998. Serologic evaluation of vesicular stomatitis virus exposure in horses and cattle in 1996. JAVMA 213:1265-1269
6. **McCluskey, B.**, Rice, D., Hancock, d., et al., Prevalence of Escherichia coli 0157 and other shiga- toxin producing E. coli in lambs at slaughter. 1999. J Vet Diag Inv 11:563-565.
7. **McCluskey, B.**, Hurd, H. S., Mumford, E. 1999. Review of the 1997 Outbreak of Vesicular Stomatitis in the western United States. JAVMA 215:1259-1262.
8. Hurd, H.S., **McCluskey, B.** Mumford, E. 1999. Management Factors Affecting the Risk of Vesicular Stomatitis Infection on western U.S. Livestock Operations. JAVMA 215:1263-1268.

9. Kim, L.M., Morley, P., **McCluskey, B.J.**, Mumford, E.L., Swenson, S.L., Salman, M.D. 1999. Evaluation of Horses with Vesicular-like Oral Lesions Not Apparently Associated with Vesicular Stomatitis Virus Infection. JAVMA 216:1399-1404.
10. **McCluskey, B.**, Mumford E. 2000. Vesicular Stomatitis and other vesicular, erosive and ulcerative diseases of horses. In: Veterinary Clinics of North America, Emerging Infectious Diseases, ed. Timoney, P.J. 16:457-469.
11. Hall, K., **McCluskey, B.J.**, Cunningham, W. 2001. Corynebacterium pseudotuberculosis infections in horses (Pigeon Fever) in Western Colorado: An epidemiological investigation. J Equine Vet Sci 21:284-286.
12. **McCluskey, B.J.**, Mumford, E.L., Salman, M.D., Traub-Dargatz, J.L. 2002. Use of Sentinel Herds to Study the Epidemiology of Vesicular Stomatitis in Colorado, USA. Annals of the New York Academy of Sciences 969:205-209.
13. **McCluskey, B.J.** Biosecurity for Arthropod-borne diseases. 2002. Vet Clinics Food Anim 18:99-214.
14. Alvarado, J.F., Dolz, G., Herrero, M.V., Salman, M.D., **McCluskey, B.J.** 2002. Comparison of the serum neutralization test and a competitive ELISA for the detection of antibodies to vesicular stomatitis virus-New Jersey and vesicular stomatitis virus-Indiana. Journal of Vet Diag Inv 14:240-242.
15. Magnuson, R., Triantis, J., Rodriguez, L., Perkins, A., Meredith, C., Beaty, B., **McCluskey, B.**, Salman, M.A. 2003. Multiplex, Single Tube RT-PCR for Detection and Differentiation of Vesicular Stomatitis Virus Indiana 1 and New Jersey viruses in insects. Journal Vet Diag Investigation 15:561-567.
16. **McCluskey, B.**, Salman M, Martínez G, Serrano A, Shaw J, Herrero M. 2003. Descriptive Epidemiologic Studies of Vesicular Stomatitis in El Salvador: Findings from a 3 year study of sentinel dairy herds, Prev Vet Med 53:199-210.
17. **McCluskey, B.J.**, Beaty, B.J., M.D. Salman. 2003. Climatic factors and the occurrence of vesicular stomatitis in New Mexico, USA, Rev. sci. tech. Off. int. Epiz. 22:849-856.
18. Forde, K.N., **McCluskey, B.J.**, Morgan, K.S. 2003. An investigation into the risk factors associated with clinical mastitis in Colorado sheep, Sheep and Goat Research Journal 18:44-46.
19. Dargatz, D.A. , Byrum, B.A. , Collins, M.T., Goyal, S.M. , Hietala, S.K., Jacobson, R.H., Koprak, C.A. , Martin, B.M., **McCluskey, B.J.**, Tewari, D. 2004. A multi-laboratory evaluation of a commercial ELISA test for the detection of antibodies against *Mycobacterium avium* subsp. *paratuberculosis* in cattle, J Vet Diagn Invest. 16:509-514.

20. Van Kessel, J.S., Karns, J.S., Gorski, L., **McCluskey, B.J.**, Perdue, M.L. 2004. Prevalence of Salmonellae, Listeria monocytogenes, and Fecal Coliforms in Bulk Tank Milk on U.S. Dairies, J Dairy Science, 87:2822-2830.
21. Berghaus, R.D., **McCluskey, B.J.**, Callan, R. 2005. Risk factors associated with the occurrence of hemorrhagic bowel syndrome on dairy operations in the United States, JAVMA 226:1700-1706.
22. Blau, D.M., **McCluskey, B.J.**, Ladely, S.R., Dargatz, D.A., Fedorka-Cray, P.J., Ferris, K.E., Headrick, M.L. 2005. *Salmonella* on Dairy Operations in the U.S.: Prevalence and Antimicrobial Drug Susceptibility, J Food Protection, 68:696-702.
23. Karns, J.S., Van Kessel J.S., **McCluskey, B.J.**, Perdue, M.L. 2005. Prevalence of Salmonella enterica in bulk tank milk from U.S. dairies as determined by PCR, accepted, J Dairy Science.
24. **McCluskey, B.J.**, Burgess, B., Glover J., Kinde, H., Hietala, S. 2005. Evaluation of the effectiveness of cleaning and disinfection (C&D) procedures on non-commercial poultry operations infected with Exotic Newcastle Disease Virus (ENDV) using sentinel chickens, submitted J Veterinary Diag Inv.

Book chapters

McCluskey, B.J. Use of Sentinel Herds in Monitoring and Surveillance Systems, Animal Disease Surveillance and Survey Systems: Methods and Applications, Iowa State University Press, 2003.

McCluskey, B.J. Vesicular Stomatitis, Merck Veterinary Manual, Ninth ed., Merial, 2005

Abstracts and Proceedings

1. **McCluskey, B.**, Case control study of Hepatitis A outbreak in Weld county, Colorado, Proceedings, Veterinary Epidemiology and Economics Symposium, May 1995, College Station, Texas.
2. Frame D., **McCluskey B**, Halls F. Results of an H7N3 Avian Influenza vaccination program in commercial meat turkeys, International Poultry Health Meeting, 1996, Cancun, Mexico.
3. **McCluskey B.** Emerging animal disease epidemiology and the role of vaccination, Proceedings, Veterinary Epidemiology and Economics Symposium, August 1997, Fort Collins, Colorado.
4. Mumford E., **McCluskey B.**, Traub-Dargatz J., Schmitt BJ, Salman MD. Epidemiology of Vesicular Stomatitis in Colorado: Survival and Persistence of the Disease, 78th Conference of Research Workers in Animal Diseases, November 1997, Chicago, Illinois.
5. Mumford E., **McCluskey B.**, Traub-Dargatz J., Schmitt BJ, Salman MD. 1998. Vesicular stomatitis: Epidemiology of the 1995 and 1997 Outbreaks in

Colorado. Proc Amer Assn Eq Prac 44:23-25.

6. **Brian McCluskey**, Elizabeth Mumford, Mo Salman, Josie Traub-Dargatz. Vesicular Stomatitis Outbreaks in the southwestern United States: 1995-1998, 5th Biennial Conference, Society of Tropical Veterinary Medicine, June 1999, Key West, Florida.

7. Elizabeth Mumford, **Brian McCluskey**, Mo Salman, Josie Traub-Dargatz. Epidemiology of Vesicular Stomatitis Virus in Horses in the Southwestern United States: Preliminary Results of the Sentinel Herd Study, 5th Biennial Conference, Society of Tropical Veterinary Medicine, June 1999, Key West, Florida.

8. **Brian McCluskey**, Josie Traub-Dargatz, Lindsey Garber, Frank Ross, National Survey of Endophyte Infection and its Associated Toxin in Pastures Grazed by Horses, American Association of Equine Practitioners Annual Meeting, December 1999, Albuquerque, NM.

9. Dargatz D; Byrum B; Collins M; Goyal S; Hietala S; Jacobson R; Kopral C; Martin B; **McCluskey B**; Tewari D. Monitoring Johne's ELISA Test Results Across Laboratories, 7th International Colloquium on Paratuberculosis, June 2002, Bilbao, Spain.

10. **McCluskey, B.**, Beaty, B., Salman, M. Climatic factors and their association with the incidence of vesicular stomatitis in New Mexico. Proc Conference of Research Workers in Animal Diseases, November 2002, St. Louis, MO.

11. Hirst, H., **McCluskey, B.**, Adams, R., Garry, F., Spidel, S. Regional case control study of Crohn's disease. Proc Conference of Research Workers in Animal Diseases, November 2002, St. Louis, MO.

12. **McCluskey, B.** Foreign Animal Disease Investigations: Who to Call and What to Expect. Proceedings American Association of Equine Practitioners Annual Meeting, December 2002, Orlando, FL.

13. **McCluskey, B.J.**, Lombard, J.E., Hirst, H. Mycoplasma in Bulk Tank Milk on U.S. Dairy Operations. Proceedings American Dairy Science Association Annual Meeting, June 2003, Phoenix, AZ.

14. **McCluskey, B.J.**, Lombard, J.E., Ott, S. Nutrient Management Practice on U.S. Dairy Operations. Proceedings American Dairy Science Association Annual Meeting, June 2003, Phoenix, AZ.

15. Lombard, J.E., **McCluskey, B.J.**, Garber, L. Milking Procedures and Udder Health Management on U.S. Dairy Operations. Proceedings American Dairy Science Association Annual Meeting, June 2003, Phoenix, AZ.

16. **McCluskey, B.J.**, Salman, M.D. Vesicular Stomatitis in El Salvador: Observations from a 3-Year Pilot Study of Sentinel Dairy Herds, Proceedings International Symposium of Veterinary Epidemiology and Economics, November 2003, Vina del Mar, Chile.

17. **McCluskey, B.J.**, Lombard, J.E., Hirst, H. Mycoplasma in bulk tank milk on U.S. dairy operations. Proceedings International Symposium of Veterinary Epidemiology and Economics, November 2003, Vina del Mar, Chile.

18. Ostlund, E.N., **McCluskey, B.J.**. Foreign Animal Disease Investigation. Proceedings Western Veterinary Conference, February 2003, Las Vegas, NV.

Key publications from government studies (primary author)

1. Endophytes in U.S. Horses Pastures. April 2000. N316.0400.

2. Dairy 2002: Part I: Reference of Dairy Health and Management. December 2002. N377.1202.

3. Dairy 2002: Part II: Changes in the U.S. Dairy Industry, 1991-2002. April 2003. N388.0403.

4. Dairy 2003: Part III Reference of Dairy Cattle Health and Health Management Practices. January 2004. N400.1203.